



PATENT
Customer No. 22,852
Attorney Docket No. 04853.0048-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Sigeyuki YOKOYAMA *et al.*)
)
Serial No. 10/718,628) Group Art Unit: 1652
)
Filed: November 24, 2003) Examiner: Unassigned
)
For: A MUTANT KANAMYCIN)
NUCLEOTIDYLTRANSFERASE)
AND A METHOD OF SCREENING)
THERMOPHILIC BACTERIA USING)
THE SAME)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Applicants enclose copies of the listed documents. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER ^{LLP}

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: January 29, 2004

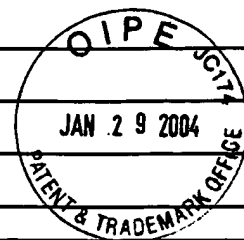
By: Rebecca McNeill
for: Jean B. Fordis Reg. No. 43,796
Reg. No. 32,984

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	04853.0048-01000	Application No.	10/718,628
Applicant	Sigeyuki YOKOYAMA <i>et al.</i>		
Filing Date	November 24, 2003	Group:	1652



U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Jun Hoseki, <i>et al.</i> "Directed Evolution of Thermostable Kanamycin-Resistance Gene: A Convenient Selection Marker for <i>Thermus thermophilus</i> " <i>J. Biochem.</i> 126(5):951-956 (1999)
	Masazumi Matsumura <i>et al.</i> "Screening for Thermostable Mutant of Kanamycin Nucleotidyltransferase by the Use of a Transformation System for a Thermophile, <i>Bacillus stearothermophilus</i> " <i>J. Biol. Chem.</i> 260(28):15298-15303 (1985)
	Hans H. Liao "Thermostable Mutants of Kanamycin Nucleotidyltransferase are also More Stable to Proteinase K, Urea, Detergents, and Water-Miscible Organic Solvents" <i>Enzyme Microb. Technol.</i> 15(4):286-292 (1993)
	Matsumura <i>et al.</i> , "Single Amino Acid Replacements Affecting the Thermostability of Kanamycin Nucleotidyltransferase," <i>Molecular General Genetics (MGG)</i> 204:355-358 (1986)

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce